



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr.A.Rajasekar**

Designation : **Assistant Professor**

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Qualification : B.E(ECE) ,M.Tech (EST)., Ph.D.,



UG	B.E/B.TECH/B.SC. / B.A./BBA/B.ED.	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
	B.E. - ECE	2006	Anna University	72 %	First Class
PG	M.E/M.TECH/ M.Tech – Embedded System Technologies	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
		2010	SRM University	7.9 - CGPA	First Class
PH.D	DATE OF COMPLETION	FIELD OF SPECIALIZATION	UNIVERSITY	NA	NA
	13.09.2021	Cyber Physical System			
SLET MARKS	NET MARKS	DATE OF ELIGIBILITY			
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Area of Specialization	Embedded System, IoT
Research Interest	Artificial Intelligence, IoT, Cyber Physical System
Experience in years	13 Years 1 Months
No. of workshop / Conferences / FDP attended	Workshops & FDP : 6 & 8 International Conference : 2 National Conference : 4
No. of workshop / Conferences / FDP organized	Workshops: 1 FDP: 1 International Conferences: 1 National Conferences : 0
No.of Funded Projects applied	TNSCST : 1
No.of Research Guidance	NIL

Courses Taught in UG / PG Level :	<input type="checkbox"/> Computer Networks <input type="checkbox"/> High Speed Networks <input type="checkbox"/> Embedded and Real Time systems <input type="checkbox"/> Wireless Networks <input type="checkbox"/> Wireless Communication
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Professional Membership	ISTE (Life Member): 92461		
Publications	No. of papers published in National Journals / Conferences : 7		
	No. of papers published in International Journals / Conferences:7		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.of UG Students Guided: 60 No.of PG Students Guided: - No.of Ph.Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: 1 Granted: -		
Technology Transfer	-		
Achievements	<input type="checkbox"/> Received Appreciation Certificate for 100% result		
Programs Organized	NIL		

Publications	Journals	<ul style="list-style-type: none"> ➤ Rajasekar A & S.B.Mohan, Study of Image Denoising, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 1, Issue 10, Dec 2013. ➤ Rajasekar A & V.P.Sridhar, Load Tuning for Solar Energy Powered Embedded System Using ILP, IOSR Journal of Engineering, Vol. 05, Issue 03, March 2015. ➤ Rajasekar A, Manikandan.M, Sasikumar.S, and Rafick Mohideen.M.K , Human Arm Rehabilitation Using PIC Microcontroller, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3, Special Issue 19, April 2016.\ ➤ Rajasekar A, R.V.Aadhithya., B.Gopinath., M.Mohammad Jaffar Ali., lot Based Air And Noise Pollution Monitoring System, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 4, Special Issue 19, April 2017. ➤ Rajasekar A & Devanathan R, Closed Loop Decoupling Control of a Computer Server System, Journal of Advanced Research in Dynamical and Control Systems, Vol. 10, 507-517, October 2018. ➤ Rajasekar A, Samyuktha and Meheraj, Applicability of Big Data Techniques to Smart Home, International Journal of Engineering Science and Computing, Vol.8 Issue 3, March 2018. ➤ Rajasekar A and Devanathan R, Application of Individual Channel Design to Server Control, International Journal of Engineering and Advanced Technology, Vol. 8, 2010-2015, June 2019.
	Books / Book Chapters / Monographs	NIL
	Conferences	<ul style="list-style-type: none"> ➤ Software Synthesis for signal processing embedded applications, India' s Strategic Spectrum, ISP 2012. ➤ Extracting fetal ECG signals from maternal ECG signals using independent component analysis, National Conference on Recent Trends in Renewable Energy Technology, RRase College of Engineering, Chennai, March, 2013. ➤ Performance analysis of Clone detection approach in WSN, National Conference on Emerging Trends in computing technologies, Kalasalingam Institute of Technology, Krishnankoil, April 2014. ➤ Multimodal Driver safety and accident prevention system, National Conference on research Trends in Electronics and communication, St.Joseph College of engineering, Chennai, March 2014. ➤ Body to body communication for data Transfer using Red TACTON, National conference on Recent Enhancement in advanced computing Technologies, RRase College of Engineering, Chennai, March, 2018. ➤ Decoupling control of Computer server system, International Conference on Electronics, Computing and communication Technologies, IEEE SECTION, Bangalore, March 2018.
CERTIFICATION	Nil	

<p>Events attended</p> <p>WORKSHOP/FDP</p>	<ul style="list-style-type: none">➤ Mission10X workshop in Dhaanish Ahmed College of Engineering, Chennai. 2011(5 Days).➤ Advanced Mission10X Workshop in Dhaanish Ahmed College of Engineering, Chennai. 2012 (2 Days)➤ Quality Assurance In Academic And Sponsored Research in Sri Ramanujar Engineering College, Chennai. 2014.(1 Day).➤ Nodal Officer for BSNL, Menambakkam.(3 Years)➤ IBM Bluemix by ICTACT in Dhaanish Ahmed College of Engineering, Chennai. 2015 (2 Days)➤ Embedded Systems using Raspberry Pi Boards(IOT) in Jerusalem College of Engineering, Chennai. 2017(2 Days).➤ Persuasive Research Promotion strategies in Kings Engineering College, Chennai.2017 (1 Day)➤ Modeling and Simulation of Next Generation optical communication and Networks in SRM University, Kattankulathur. 2017(2 days)
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